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MEMO

To: Members of the Council
From: Eric J. Earls, P.E. City Engineer
Date: October 17, 2016
Subject: Resolution – R-16-24

Pursuant to Resolution – R-16-24, the Engineering Division presents the following updates relevant to the City's on-going stormwater management:

1. Mapping – The mapping of all stormwater structures has been completed in the southeastern portion of the City. Mapping will continue in the northern and western portions of the City. All structures will be mapped by the end of 2018.
2. Dry-weather monitoring – The dry-weather monitoring period began on July 1st and will continue through October 31. The Engineering Division has been conducting monitoring in the southeastern portion of the City as weather allows.
3. Street Sweeping – All streets have been swept at least once. Roads requiring sweeping twice annually, as identified by the RIDEM in the Consent Decree, have also been completed.
4. Projects:
 - a. Brushneck Cove Infiltration Project – Project in-progress. Completion within the month. Funding from RIDEM (\$50,000)
 - b. Suburban Parkway – Design plans have been finalized. The project is currently out to bid. Funding for this project is from New England Interstate Water Pollution Control Commission (\$180,000).
 - c. Dry well installation – City staff will be installing dry wells in areas around the Tuscatucket Brook beginning next week.
 - d. Tuscatucket Brook – The Engineering Division has met with RIAC regarding installation of best management practices (BMPs) associated with this water body. We are discussing expanding existing easements to accommodate BMPs in areas where RIAC acquisitions overlap with the City's drainage infrastructure.

- e. Buckeye Brook – The Engineering Division has met with RIDEM regarding the requirements of obtaining a permit to perform remedial actions within the wetland areas in and around Buckeye Brook. The language included in that RFP is included below:

The City of Warwick is seeking proposals from qualified consultant / engineering firms experienced in performing bathymetric studies and stream remediation. The successful proposer shall be responsible for research; field work, project coordination (Rhode Island Airport Corporation (RIAC), RIDEM, City, etc.); and scope of work determination for the purpose of acquiring all necessary permits required to reestablish the natural streambed.

5. Public Outreach

- a. Friends of Warwick Ponds (FOWP) – The Engineering Division is working with FOWP on various outreach activities, including mailings and door hangers to inform residents about stormwater issues specific to the health of Warwick Pond.
- b. Southern Rhode Island Conservation District (SRICD) – The Engineering Division has been discussing outreach opportunities with SRICD, regarding a citywide approach to informing the public about general stormwater issues, as well as more specific concerns in identified areas, i.e. bacteria at Oakland Beach, nutrients at Warwick Pond, etc.

Please feel free to contact me with any questions.

cc: David Picozzi, DPW –Director/Chief of Staff
Bruce Keiser, Mayor’s Office/Chief of Staff